

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Bhawanish Mehta Examiner #: \_\_\_\_\_ Date: 2/6  
 Art Unit: 2600 Phone Number 308-5246 Serial Number: 09/635480  
 Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

*Litigation search*  
*5,434,677*

## STAFF USE ONLY

## Type of Search

## Vendors and cost where applicable

Searcher: <u>N. Pongdell</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>6-4767</u>	AA Sequence (#) _____	Dialog <u>X</u>
Searcher Location: <u>FIC 2700</u>	Structure (#) _____	Questel/Orbit <u>X</u>
Date Searcher Picked Up: <u>2/6</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>2/6</u>	Litigation <u>X</u>	Lexis/Nexis <u>X</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: <u>1</u>	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____

1/9/1

DIALOG(R) File 345:Inpadoc/Fam. & Legal Stat  
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11814857

Basic Patent (No,Kind,Date): CA 2112430 AA 19940626 <No. of Patents: 009>

PATENT FAMILY:

CANADA (CA)

Patent (No,Kind,Date): CA 2112430 AA 19940626

DIGITAL VIDEO SIGNAL REPRODUCING APPARATUS WITH HIGH-SPEED PLAY MODE  
(English; French)

Patent Assignee: SONY CORP (JP)

Author (Inventor): OIKAWA YUKA (JP)

Priority (No,Kind,Date): JP 9356576 A 19930222; JP 92359522 A  
19921225

Applic (No,Kind,Date): CA 2112430 A 19931224

IPC: \* G11B-005/09

Derwent WPI Acc No: \* G 94-201935

JAPIO Reference No: \* 180635E000088

Language of Document: English

GERMANY (DE)

Patent (No,Kind,Date): DE 69323973 CO 19990422

WIEDERGABEGERAET FUER EIN DIGITALES VIDEOSIGNAL MIT WIEDERGABEMODUS MIT  
HOHER GESCHWINDIGKEIT (German)

Patent Assignee: SONY CORP (JP)

Author (Inventor): OIKAWA YUKA (JP); JAPAN CHIBA (JP)

Priority (No,Kind,Date): JP 92359522 A 19921225; JP 9356576 A  
19930222

Applic (No,Kind,Date): DE 69323973 A 19931222

IPC: \* H04N-009/80

Derwent WPI Acc No: \* G 94-201935

JAPIO Reference No: \* 180635E000088

Language of Document: German

Patent (No,Kind,Date): DE 69323973 T2 19990722

WIEDERGABEGERAET FUER EIN DIGITALES VIDEOSIGNAL MIT WIEDERGABEMODUS MIT  
HOHER GESCHWINDIGKEIT (German)

Patent Assignee: SONY CORP (JP)

Author (Inventor): OIKAWA YUKA (JP); JAPAN CHIBA (JP)

Priority (No,Kind,Date): JP 92359522 A 19921225; JP 9356576 A  
19930222

Applic (No,Kind,Date): DE 69323973 A 19931222

IPC: \* H04N-009/80

Derwent WPI Acc No: \* G 94-201935

JAPIO Reference No: \* 180635E000088

Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69323973 P 19990422 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 603875 P 19990422

DE 69323973 P 19990722 DE 8373 TRANSLATION OF PATENT  
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND  
HAS BEEN PUBLISHED (UEBERSETZUNG DER  
PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST  
EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 603875 A2 19940629

DIGITAL VIDEO SIGNAL REPRODUCING APPARATUS WITH HIGH-SPEED PLAY MODE.  
(English; French; German)

Patent Assignee: SONY CORP (JP)

Author (Inventor): OIKAWA YUKA C O SONY CORPORATI (JP)

Priority (No,Kind,Date): JP 9356576 A 19930222; JP 92359522 A  
19921225

Applic (No,Kind,Date): EP 93120746 A 19931222

Designated States: (National) DE; FR; GB; NL  
 IPC: \* H04N-009/80  
 Derwent WPI Acc No: \* G 94-201935; G 94-201935  
 JAPIO Reference No: \* 180635E000088  
 Language of Document: English  
 Patent (No,Kind,Date): EP 603875 A3 19950104  
 DIGITAL VIDEO SIGNAL REPRODUCING APPARATUS WITH HIGH-SPEED PLAY MODE.  
 (English; French; German)  
 Patent Assignee: SONY CORP (JP)  
 Author (Inventor): OIKAWA YUKA C O SONY CORPORATI (JP)  
 Priority (No,Kind,Date): JP 9356576 A 19930222; JP 92359522 A 19921225  
 Applic (No,Kind,Date): EP 93120746 A 19931222  
 Designated States: (National) DE; FR; GB; NL  
 IPC: \* H04N-009/80  
 Derwent WPI Acc No: \* G 94-201935  
 JAPIO Reference No: \* 180635E000088  
 Language of Document: English  
 Patent (No,Kind,Date): EP 603875 B1 19990317  
 DIGITAL VIDEO SIGNAL REPRODUCING APPARATUS WITH HIGH-SPEED PLAY MODE  
 (English; French; German)  
 Patent Assignee: SONY CORP (JP)  
 Author (Inventor): OIKAWA YUKA (JP); JAPAN CHIBA (JP)  
 Priority (No,Kind,Date): JP 9356576 A 19930222; JP 92359522 A 19921225  
 Applic (No,Kind,Date): EP 93120746 A 19931222  
 Designated States: (National) DE; FR; GB; NL  
 IPC: \* H04N-009/80  
 Derwent WPI Acc No: \* G 94-201935  
 JAPIO Reference No: \* 180635E000088  
 Language of Document: English

# EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 603875	P	19921225	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				JP 92359522 A 19921225	
EP 603875	P	19930222	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				JP 9356576 A 19930222	
EP 603875	P	19931222	EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
				EP 93120746 A 19931222	
EP 603875	P	19940629	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
				DE FR GB NL	
EP 603875	P	19940629	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 603875	P	19950104	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
				DE FR GB NL	
EP 603875	P	19950104	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	
EP 603875	P	19950823	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
				950627	
EP 603875	P	19971015	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)	

970902

EP 603875	P	19990317	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB NL
EP 603875	P	19990317	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 603875	P	19990317	EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.)) OIKAWA, YUKA, C/O SONY CORPORATION ; JAPAN, CHIBA, C/O SONY CORPORATION
EP 603875	P	19990422	EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69323973 P 19990422
EP 603875	P	19990625	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 603875	P	20000308	EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)

#### JAPAN (JP)

Patent (No,Kind,Date): JP 6245184 A2 19940902  
 VIDEO SIGNAL REPRODUCING DEVICE (English)  
 Patent Assignee: SONY CORP  
 Author (Inventor): OIKAWA YUKA  
 Priority (No,Kind,Date): JP 9356576 A 19930222; JP 92359522 A 19921225  
 Applic (No,Kind,Date): JP 9356576 A 19930222  
 IPC: \* H04N-005/783; G11B-015/467; H04N-005/782; H04N-005/92  
 Derwent WPI Acc No: \* G 94-201935  
 JAPIO Reference No: \* 180635E000088; 180635E000088  
 Language of Document: Japanese

#### KOREA, REPUBLIC (KR)

Patent (No,Kind,Date): KR 253041 B1 20000501  
 DIGITAL VODEO SIGNAL REPRODUCING APPARATUS WITH HIGH-SPEED PLAY MODE  
 (English)  
 Patent Assignee: SONY CORP (JP)  
 Author (Inventor): OIKAWA YUKA (JP)  
 Priority (No,Kind,Date): JP 92359522 A 19921225; JP 9356576 A 19930222  
 Applic (No,Kind,Date): KR 9330162 A 19931224  
 IPC: \* G11B-005/02  
 Derwent WPI Acc No: \* G 94-201935  
 JAPIO Reference No: \* 180635E000088  
 Language of Document: Korean

#### UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5434677 A 19950718  
 DIGITAL VIDEO SIGNAL REPRODUCING APPARATUS WITH HIGH-SPEED PLAY MODE  
 (English)  
 Patent Assignee: SONY CORP (JP)  
 Author (Inventor): OIKAWA YUKA (JP)  
 Priority (No,Kind,Date): JP 92359522 A 19921225; JP 9356576 A 19930222  
 Applic (No,Kind,Date): US 172197 A 19931223  
 National Class: \* 358335000; 358312000; 360010100  
 IPC: \* H04N-005/783  
 Derwent WPI Acc No: \* G 94-201935  
 JAPIO Reference No: \* 180635E000088  
 Language of Document: English

#### UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
 US 5434677 P 19921225 US AA PRIORITY (PATENT)  
 JP 92359522 A 19921225  
 US 5434677 P 19930222 US AA PRIORITY (PATENT)  
 JP 9356576 A 19930222

US 5434677 P 19931223 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 172197 A 19931223

US 5434677 P 19940418 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
SONY CORPORATION 6-7-35 KITASHINAGAWA 6-CHOME  
SHINAGAWA-KU TOKYO, JAPAN ; OIKAWA, YUKA :  
19940406

US 5434677 P 19950718 US A PATENT

US 5434677 P 19980331 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
970716

US 5434677 P 20001205 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
20000808

LEVEL - 1 OF 1 PATENT

5,434,677

<=2> GET 1st DRAWING SHEET OF 19

Jul. 18, 1995

LEXIS-NEXIS  
Library: PATENT  
File: ALL

Digital video signal reproducing apparatus with high-speed  
play mode

REISSUE: Reissue Application filed Aug. 8, 2000 (O.G. Dec. 5, 2000) Ex. Gp.:  
2615; Re. S.N. 09/635,480

Reissue Application filed Jul. 16, 1997 (O.G. Mar. 31, 1998) Ex. Gp.: 2604;  
Re. S.N. 08/895,597

CORE TERMS: track, macro, video, tape, recorded, transport, digital, sub-area,  
reproducing, recording...

5,434,677 OR 5434677

LEXIS-NEXIS  
Library: PATENT  
File: CASES

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,434,677 OR 5434677

LEXIS-NEXIS  
Library: PATENT  
File: JNLS

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.



5,434,677 OR 5434677

LEXIS-NEXIS  
Library: NEWS  
File: CURNWS

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/4 LGST (1/1) - (C) LEGSTAT  
PN - US 5434677 [US5434677]  
AP - US 172197/93 19931223 [1993US-0172197]  
DT - US-P  
ACT - 19931223 US/AE-A  
APPLICATION DATA (PATENT)  
{US 172197/93 19931223 [1993US-0172197]}  
- 19940418 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
SONY CORPORATION 6-7-35 KITASHINAGAWA 6-CHOME SHINAGAWA-KU TOKYO,  
JAPAN \* OIKAWA, YUKA : 19940406  
- 19950718 US/A  
PATENT  
- 19980331 US/RF  
REISSUE APPLICATION FILED  
970716  
- 20001205 US/RF  
REISSUE APPLICATION FILED  
20000808  
UP - 2000-49

2/4 CRXX (1/1) - (C) CLAIMS/RRX  
AN - 2626156  
PN - 5,434,677 A 19950718 [US5434677]  
PA - Sony Corp JP  
PT - E (Electrical)  
ACT - 19970716 REISSUE REQUESTED  
Issue Date of O.G.: 19980331  
Reissue Request Number: 08/895597  
Examination Group responsible for Reissue process: 2604  
  
- 20000808 REISSUE REQUESTED  
Issue Date of O.G.: 20001205  
Reissue Request Number: 09/635480  
Examination Group responsible for Reissue process: 2615  
  
UP - 1999-00  
UACT- 2000-12-05

3/4 PAST (1/2) - (C) PAST  
AN - 200049-001066  
PN - 5434677 A [US5434677]  
DT - A (UTILITY)  
OG - 2000-12-05  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

4/4 PAST (2/2) - (C) PAST  
AN - 199813-001155  
PN - 5434677 A [US5434677]  
DT - A (UTILITY)  
OG - 1998-03-31  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED